



FDOTC3D2018 Maintenance Release 1 (MR1)

FDOTC3D2018 MR1 contains updates necessitated by changes to Design Standards, Plans Preparation Manual (PPM), and the Basis of Estimates (BOE) as well as bug fixes to address.

<ul style="list-style-type: none">• Revisions per FDOT Design Bulletin.
<ul style="list-style-type: none">• Added Pullbox Existing, SHStrainPoleSchedule, SHPoleDataLegend and SHMastArmTabulation blocks to the FDOT Traffic/Signal Block Tool Palette.
<ul style="list-style-type: none">• Update Templates to latest FDOT Standards.
<ul style="list-style-type: none">• Fixed FDM superelevation transition methodology. Added criteria for shared use paths. Added design checks for shared use paths' alignment and profiles.
FDOT Signs application: <ul style="list-style-type: none">• Added relative rotation.• Fixed copy station precision.
CAiCE -Added Themes for Geometry Chains and Alignments: <ul style="list-style-type: none">• Added BLF (Baseline Field) to Topography list, Add LOC (Limits of Construction to Control Survey list.• Added BLF (Baseline Field) Code.• Added LOC (Limits of Construction), and revised to show BL as Baseline Survey and BLF as Baseline Field.• Added features for Geometry Chains (Right of Way and Baseline elements).• Updated Topography and Utilities theme.
<ul style="list-style-type: none">• AECMERGE and Entity Manager Pay Item Database - Updated as per BOE Database, AEC Items Data modified and GEOPAK Database modified.
FDOTMASTER.dwt: <ul style="list-style-type: none">• Updated for FDM Design checks.• Deleted Description keys, point label styles, and blocks that went with them.• Changed all note label styles to rotate by view instead of object.• Updated with Green Book changes.• Removed extra unused design checks sets.• Changed FDOT RW Existing & FDOT RW Proposed Alignment Styles "Display" layers to BaselineSurvey (They were erroneously set to RW Line layers).• Remove Markers from FDOT Existing Alignment Style.• Added SUP design checks sets.• Added Project Control View Frames.• Added Traffic Control General Notes.• Added Rotate Structure Rule to FDOT Rule Set. LandXMLGrouper - Added BLF (Baseline Field) and LOC (Limits of Construction) to Control Survey Group.• Added "FDOT Lighting Project Limits" Label Style.

FDOTGreenbook_2016 – Updated with Green Book 2016 design criteria.

SURVEY.dwt:

- Added ConstLimits (Limits of Construction (LOC)) Layer.
- Added BaselineSurvey and ConstLimits to SURVRD and Control Survey layer filters.
- Update line types. Apply RW-LimitsofConst line type to ConstLimist layer.
- Add BLF, BLSS to Description Keys and set Marker to SURVPN-CROSS.
- Updated Description keys
- Add “_No Feature” point group.
- Set Point Settings Default label style to "Survey Display All" 0.2 Text Ht.
- Structures Palette – Updated Images and names to match new Index Naming convention.
- Create File Application - Fixed history storage problem where you couldn't back up a folder structure once you selected a sub-folder.
- Updated FDOT Contacts Information.
- FDOT OffsetInXref - Fixed offset tool to handle xref items with EntityManager data
- FDOT Curb and Gutter Subassembly - Added Super Elevation option to handle not being able to pass adjacent lane slope to curb inserted by "back of curb".
- Pavement Marking Tool – Added search feature to payitem database window. Updated copyright number.

DrawBlockGroupTool:

- Added – Pickstyle Toggle
- Enhancement - retain buffer distance and increment between reference entity selections.
- Enhancement - default the associate alignment dropdown to "none" unless the user picks and alignment then sets the associate alignment to the picked alignment, added search function to block selection window.
- Resolved issue if no search results are return, when searching for blocks in payitem window.
- FDOT Curb and Gutter Subassembly - Added Super Elevation option to handle not being able to pass adjacent lane slope to curb inserted by "back of curb".
- PavemarkingTool – Added search feature to pay item database window.
- ROW.dwg – Correct layers to MONRD & MONRDS.
- SYENG.dwg, RWENG.dwg - Change MON units from Feet to Unitless.
- FDOT Median Subassembly – Added Median Single Slope Heel and Toe Barriers, removed old subassembly. removed old Standard Index Numbers.
- Take Off Manager – Added Quantity by Sheets Module.

FDOT Existing Lane Slope Subassembly:

- Report was not being generated if the last frequency station did not process because odd/zero pavement structures found.
- Moved code outside drawing code to process no matter status of last frequency station.
- Updated existing slope report page for Insertion point processing & output precision.
- Added parameter for decimal precision in output
- Changed PavtAsphlt_ep layer to PavtAsph
- FDOT Subassembly Help File Documentation – Changed Standards numbers to new numbers.

<ul style="list-style-type: none">• FDOT Pipe Network Rule – Added option for Offsetting Structure from Polyline and Polyline 2D.
<ul style="list-style-type: none">• FDOT Existing Features Subassembly – Changed existing Fence layer from Fence_ex to Fence_ep.
<ul style="list-style-type: none">• FDOT Curb and Gutter Subassembly - Added Super Elevation option to handle not being able to pass adjacent lane slope to curb inserted by "back of curb".
<ul style="list-style-type: none">• FDOT Driveway Subassembly – Corrected the Slab 2 slope issue. The slope for slab 2 is now adjustable and defined by a parameter.
<ul style="list-style-type: none">• FDOT Median Barrier Single Slope Toe Footing Subassembly – Added to State kit.
<ul style="list-style-type: none">• FDOT Median Barrier Single Slope Heel Footing Subassembly – Added to State kit.